

22. The method of claim 19, further comprising the step of acquiring an auxiliary pilot signal.

23. The method of claim 22, wherein paging channel messages transmitted over said auxiliary paging channel are transmitted at a data rate of less than 4800 bits per second.

24. A method for compensating for the Doppler effect in a communication system where messages are transmitted at a low data rate to a user terminal that is inside a building, comprising the steps of:

- receiving at the user terminal ephemeris messages transmitted from a gateway;
- storing in the user terminal said ephemeris messages;
- determining the location of the user terminal;
- determining Doppler based on said location and said ephemeris messages stored in the user terminal; and
- acquiring a pilot signal.

25. The method of claim 24, wherein said step of determining the location of the user terminal includes the step of storing the location of the user terminal each time the user terminal registers with a gateway.

26. The method of claim 24, wherein said step of determining the location of the user terminal includes the step of receiving a global positioning system (GPS) signal.

REMARKS

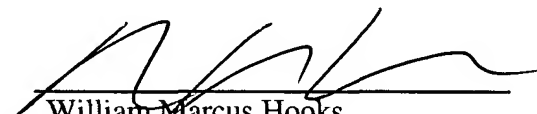
In office action mailed 18 December 2002 pertaining to the parent patent application 09/376,822 filed 17 August, 1999, "METHOD FOR DEEP PAGING", Claims 19-26 were withdrawn from consideration as being directed to a non-elected invention. This divisional application continues prosecution of Claims 19-26. No new matter has been added.

REQUEST FOR ALLOWANCE

In light of the arguments presented, the Applicant respectfully submits that the application is in condition for allowance, for which consideration is respectfully requested. Please charge any fee requirement or credit any overpayment to Deposit Account No. 17-0026

Respectfully submitted,

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